From: Sue Warner/ESC/R3/USEPA/US

**Sent:** 12/22/2011 9:42:08 AM

To: Cynthia Caporale/ESC/R3/USEPA/US@EPA

CC:

Subject: Fw: Dimock Sampling

I just saved the file to the I drive.

---- Forwarded by Sue Warner/ESC/R3/USEPA/US on 12/22/2011 09:41 AM -----

From: Sue Warner/ESC/R3/USEPA/US

To: Cynthia Caporale/ESC/R3/USEPA/US@EPA

Cc: Jennifer Gundersen/ESC/R3/USEPA/US@EPA, Kevin Martin/ESC/R3/USEPA/US@EPA, Stevie Wilding/ESC/R3/USEPA/US,

Robin Costas/ESC/R3/USEPA/US@EPA, Adam Molnar/ESC/R3/USEPA/US@EPA

Date: 12/22/2011 09:12 AM Subject: Re: Dimock Sampling

Cindy,

I edited the table by deleting the strikethroughs and I added the hardness method as noted by Robin. I deleted mercury.

Ex. 5 - Deliberative ? The edited file is attached and not yet on the I drive.

Sue

[attachment "Sampling Table for Marcellus Shale.xls" deleted by Sue Warner/ESC/R3/USEPA/US]

From: Cynthia Caporale/ESC/R3/USEPA/US
To: Sue Warner/ESC/R3/USEPA/US@EPA

Cc: Jennifer Gundersen/ESC/R3/USEPA/US@EPA, Kevin Martin/ESC/R3/USEPA/US@EPA, Stevie Wilding/ESC/R3/USEPA/US,

Robin Costas/ESC/R3/USEPA/US@EPA, Adam Molnar/ESC/R3/USEPA/US@EPA

Date: 12/22/2011 08:33 AM Subject: Re: Dimock Sampling

Here is the table with our comments. Please review and let me know by 9:30 if okay to send.

After the RICT meeting I'll check with Rich to see if we need a conference call today or if this can wait until January.

[attachment "Sampling Table for Marcellus Shale.xls" deleted by Sue Warner/ESC/R3/USEPA/US]

I saved the file under AT\_Shared/Special Projects/Dimock Project 2012.

Thanks again to everyone for our meeting yesterday.

From: Sue Warner/ESC/R3/USEPA/US

To: Cynthia Caporale/ESC/R3/USEPA/US@EPA, Jennifer Gundersen/ESC/R3/USEPA/US@EPA, Kevin

Martin/ESC/R3/USEPA/US@EPA, Stevie Wilding/ESC/R3/USEPA/US, Robin Costas/ESC/R3/USEPA/US@EPA, Adam

Molnar/ESC/R3/USEPA/US@EPA
Date: 12/19/2011 03:18 PM
Subject: Re: Dimock Sampling

Attached is a file that Stevie had and I amended for this sampling. Please take a look at it and see if I left anything out. Should ammonia be on here? Robin, please check the list of metals. We cannot do methane at this time, but Adam is

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working on adding this capability (column is on order).

[attachment "Sampling Table for Marcellus Shale.xls" deleted by Cynthia Caporale/ESC/R3/USEPA/US]

From: Cynthia Caporale/ESC/R3/USEPA/US

To: Kevin Martin/ESC/R3/USEPA/US@EPA, Sue Warner/ESC/R3/USEPA/US@EPA
Cc: Stevie Wilding/ESC/R3/USEPA/US, Jennifer Gundersen/ESC/R3/USEPA/US@EPA

Date: 12/19/2011 11:08 AM Subject: Dimock Sampling

## Kevin and Sue,

There is a possibility that HSCD will go out sampling next month on some home wells related to the Dimock HF issue. I briefly spoke to Rich Rupert last week and he had few details but progress is underway to outline a list of analytes and develop a sampling plan. I gave Rich both of your names as contacts for us. If there are any conference calls or more information this week I'll let you know. For now I will send you two emails that were sent to me.

Sue - would you pull together a list of parameters based on the ORD HF Study and what we recommended in the past?

We can discuss more tomorrow at the branch meeting.

Cindy

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